

Abstract of the Disclosure

A cost effective solution preparing apparatus includes a chamber which is divided into two compartments by a movable partition;

5      a dissolving solution supply line for supplying a dissolving solution to the first compartment of the chamber; a solution tank connected with the first compartment and the second compartment through a first solution preparing line and through a second solution preparing line, respectively; a transporting pump provided in the second solution preparing line; a concentration meter; a solution transporting line for transporting the solution prepared and filled in the second compartment to a point of use; and a circulating line, in which the solution tank is exemplified as a U-shape tank constructed of a relatively small-diameter upstream tank portion and a relatively

10     large-diameter downstream tank portion, and at least one filter is provided in a downstream portion of the downstream tank portion.

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